

Abstract

Providing multiple jobs for a device associated with a communication device includes providing a plurality of device records, where each of the device records corresponds to a device associated with the communication device, providing a plurality of job records for at least one of the device records, where each of the job records contains at least some information that is also provided in the corresponding one of the device records, and linking the job records and the corresponding device record so that any one of the job records may be accessed by first accessing the corresponding one of the device records. Providing multiple jobs may also include providing one of a plurality of shared pointers in each of the job records and the corresponding one of the device records, where all of the shared pointers point to the corresponding one of the device records. Linking the job records may include providing a forward pointer and a backward pointer for each of the job records. Linking the job records may also include providing a pointer to one of the job records in the corresponding one of the device records.